



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D206-642-311BL
Job Sheet 170519



Part No: D206-642-311BL

Job Qty: 1 ea

Part Name: Skidtube LH (Ael Blue)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/17/18

Job Tracking No:

Due Date: 1/31/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV Q SHEETS 29-30 IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec IPP Rev:L 08-09-29 as per DSI9421 DD verified by:EC IPP Rev:M as per REV.N DD 10.04.19 verified by:EC IPP Rev:N 14.04.25 ECN14-520 DD verf:JLM IPP REV:O 15.10.09 ADDED BL DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

					Standard		Workcenter/Supplier		Sign-off JAN 29 2018
Op No	Operation	Qty	Start Date	Due Date	Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/31/18	0.00	0.00	Start Up Stores/Pkg-1		SmB
110	Packaging	1 pcs		1/31/18	0.00	0.00	Packaging1-2		
120	QC	1 pcs		1/31/18	0.00	0.00	QC4		
125	DC	1 pcs		1/31/18	0.00	0.00	DC		
130	Packaging	1 pcs		1/31/18	0.00	0.00	Packaging3-1		
140	QC21-FG	1 Ea		1/31/18	0.00	0.00	QC21		FEB 01 2016

Part Op 110 - Pick Kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

125 - Document Control Photocopy bluefile and create labels per P D206-642-311 CHG008

130 - Identify as per dwg & Stock Location: Identify and pack for shipping as per PPP D206-642-311 Location:

PPP Rev:

140 - QC21- Final Inspection - Work Order Release

000150

DQA: _____ Date: _____

QA Closed: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

Skid-tube ☐
Machining ☐
Thermoforming ☐
Large Fab ☐

AGAINST DEPARTMENT/PROCESS

Cross tube ☐
Small Fab ☐
Finishing ☐
Composite ☐

Water Jet ☐
Prod. Eng. Coord. ☐
Rec/Store/Packaging ☐
Supplier ☐

Engineering ☐
Quality ☐
Other ☐

Date : _____

Step #: _____

QTY Effective : _____

Description Work Order Deviation

MRB (QSI042) Approval

Completed By

Lead hand / Supervisor
Approval

QC / QA Coordinator
Approval

Change No: _____
Operation: _____
Revision: _____
Original Serial #: S036257
PART NO: D206-642-311BL

Skidtube LH (Ael Blue)



S036257
DART AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Root Cause

Environment	☐	No Re-verification	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Setup	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐

OTHER : _____

Countersink

Cut Too Short

Instructions Incomplete/Unclear

Drill Holes

Off-set

Mislabeled

Fit/Function

Misaligned/off center

☐ Positioned Wrong
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Drawing
☐ Finish
☐ Misread
☐ Turning Sequence

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	-AN3-41A 5033266	8	81	0	0
	-AN4-6A 5033265	12	631	0	0
	-AN4C5A 5033264	1	95	0	0
	-AN5-10A 5033263	4	317	0	0
	-AN5-11A 5033256	8	308	0	0
	-AN5-12A 5033255	4	436	0	0
	-D206-642-341BL	1	2	0	0
	-D206-648-013BL	1	0	0	0
	-D2652 5033254	16	468	0	0
	-D2712 5033253	10	465	0	0
	-D2932-1BL	1	11	0	0
	-D2933-1BL	1	11	0	0
	-D2934 5033252	2	26	0	0
	-D2935 5033251	2	18	0	0
	-D2938-1BL 5036233	1	11	0	0
	-D2939-1BL 5036252	1	11	0	0
	-D3407-043 5036254	1	14	0	0
	-D3413-1BL 5033247	1	5	0	0
	-D3456-1 5033244	1	128	0	0
	-D3457-1 5036234	2	13	0	0
	-MS21042L3 5033241	8	3,000	0	0
	-MS21042L4 5033240	12	3,183	0	0
	-MS21043-4 5033238	1	1,057	0	0
	-NAS1149C0463R 5033236	1	254	0	0
	-NAS1149D0363J 5033238		4,256	0	0
	-NAS1149D0463J 5033237		5,256	0	0
	-NAS1149D0563J 5033238		1,191	0	0

QC

5036254

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER :					



Dart Aerospace Ltd.
1270 Aberdeen St
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Master Unit 000156

Tel (613) 632-5200

Containers on Master Unit 000156				
Serial No	Part No	Customer Part No	Status	Quantity
S033266	AN3-41A	AN3-41A	Allocated	8
S033265	AN4-6A	AN4-6A	Allocated	12
S033264	AN4C5A	AN4C5A	Allocated	1
S033263	AN5-10A	AN5-10A	Allocated	4
S033256	AN5-11A	AN5-11A	Allocated	8
S033255	AN5-12A		Allocated	4
S033254	D2652	D2652	Allocated	16
S033253	D2712	D2712	Allocated	10
S036256	D2932-1BL		Allocated	1
S036255	D2933-1BL		Allocated	1
S033252	D2934	D2934	Allocated	2
S033251	D2935		Allocated	2
S036253	D2938-1BL		Allocated	1
S036252	D2939-1BL		Allocated	1
S036251	D3407-043BL	D3407-043BL	Allocated	1
S033247	D3413-1BL	D3413-1BL	Allocated	1
S033244	D3456-1	D3456-1	Allocated	1
S036234	D3457-1	D3457-1	Allocated	2
S033241	MS21042L3	MS21042L3	Allocated	8
S033240	MS21042L4	MS21042L4	Allocated	12
S033238	MS21043-4	MS21043-4	Allocated	1
S033236	NAS1149C0463R	NAS1149C0463R	Allocated	1
S033235	NAS1149D0363J	NAS1149D0363J	Allocated	8
S033233	NAS1149D0463J	NAS1149D0463J	Allocated	25
S033232	NAS1149D0563J	NAS1149D0563J	Allocated	8

S036368 D206-648-013RX
S009960 D206-642-341 BL

4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

ITEM	QTY -311	QTY -312	QTY -313	QTY -314	QTY -341	QTY -357	QTY -349	QTY -351	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-311	SKIDTUBE INSTALLATION, LH
		X								D206-642-312	SKIDTUBE INSTALLATION, RH
			X							D206-642-313	SKIDTUBE INSTALLATION, LH
				X						D206-642-314	SKIDTUBE INSTALLATION, RH
1	1	1			X					D206-642-341	SKIDTUBE
						X				D206-642-357	WEARSHOE KIT (REPLACES -347)
							X			D206-642-349	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-351	SKIDTUBE
1	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-5	SKIDTUBE ASSEMBLY
1								1		D4361-041	SKIDTUBE ASSEMBLY
2A					14			4		D2651-1	* PLUG ⁽¹⁾
2B					14			4		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2648	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-10A (OR AN5-11A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4956-11	WEARSHOE (REPLACES D3535-11 + D3536-11)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-35	WEARSHOE (REPLACES D3535-35 + D3536-35)
26A					54	54				MS27039C1-08	SCREW
26B					54	54				NAS1149C0332R	WASHER (OR AN960C10L)
26C					54					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	GHW LUG (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

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